

GBH

FLEX•MODE™

15 to 50 Watts RF Power
136-174 MHz
240 RF Channels
Optional Tone Remote



THE GBH Base Station

The BK Radio GBH offers the flexibility of the GMH Mobile in a Base Station Package.

It delivers a 38 MHz bandwidth, PC programmability, built-in CTCSS/CDCSS

240 channels in continuously selectable or user-defined groups.

Flex•Mode™ may be programmed by channel and/or group in

12.5/15 kHz and 25/30 kHz channel spacing.

The GBH Mobile Radio carries a full 2-year warranty.



WORLD CLASS RADIOS.™



Synthesized FM Radio

136-174 MHz

240 RF Channels


15 to 50 Watts RF Power

Channel Spacing 25/30 kHz or 12.5/15 kHz

Programmable by Channel

GBH

FLEX • MODE™

FEATURES		TRANSMITTER	
Model Number	GBH		
Channels	240		
Enhanced User CG	INCL.		
Code Guard Squelch (CTCSS & CDCSS)	INCL.		
Time Out Timer	INCL.		
Vacuum Fluorescent Alphanumeric Display	INCL.		
Frequency Display	INCL.		
User Select Scan	INCL.		
Dual Priority Scan	INCL.		
Busy Channel Lockout	INCL.		
Busy Channel Indicator	INCL.		
DTMF ANI	INCL.		
Talk-back Scan	INCL.		
Interstitial Frequency Capability	INCL.		
		<u>25/30</u>	<u>12.5/15</u>
		RF Output Power - Watts	15 to 50 15 to 50
		Operating Frequency Spread - MHz	38 38
		Modulation	16KOF3E
			16KOF3E
		Spurious and Harmonics - dB	80 80
		Hum and Noise - dB (per TIA)	50 45
		Audio Distortion - %	3 3
		Antenna Output Impedance - Ohms	50 50
		Audio Response (per EIA) dB	+1/-3 +1/-3
		RECEIVER	
			<u>25/30</u>
			<u>12.5/15</u>
		Sensitivity: 12 dB Sinad - μ V	.28 .28
		Frequency Spread - MHz	38 38
		Selectivity - dB	75 63
		Spurious including Image - dB	80 80
		Intermodulation - dB	75 63
		Max. Audio Output - Watts (5% dist.)	4 4
		Audio Frequency Load - Ohms	3.2 3.2
		Input Impedance - Ohms	50 50
		Audio Response (per EIA) dB	+1/-3 +1/-3
		STANDARDS (Rx/Tx Module only)	
		Designed to meet the following military standards.	
		MIL-STD	
		810D	810E
		<i>Mthd. Proc.</i>	<i>Mthd. Proc.</i>
		Low Pressure	500.2 1 500.3 1
		High Temperature	501.2 1 & 2 501.3 1 & 2
		Low Temperature	502.2 1 & 2 502.3 1 & 2
		Temp. Shock	503.2 1 503.3 1
		Solar Radiation	505.2 1 505.3 1
		Rain	506.2 1 & 2 506.3 1 & 2
		Humidity	507.2 2 507.3 2
		Salt Fog	509.2 1 509.3 1
		Dust	510.2 1 510.3 1
		Vibration	514.3 1 514.3 1
		Shock	516.3 1 & 4 516.4 1 & 4
		Unit meets U.S. Forest Service vibration and TIA/EIA-603 specifications.	
GENERAL			
Frequency Range - MHz	136-174		
Primary Power Input:			
Receive @ 13.8V-Amps	1.0		
Transmit @ 13.6V-Amps	16.0		
Standby @ 13.8V-Amps	.5		
Operating Temperature - C°	-30 TO +60		
Size H x W x D - inches	5.625x13.187x15.75		
Weight lbs. max.	15		
Stability - PPM	\pm 5		
Channel Spacing - kHz	25/30 and 12.5/15		
Channel Increments - kHz	6.25/5		
Antenna Connector	MINI UHF		
FCC ID#K95GMH599 Specifications subject to change without notice. Measurements made in accordance with applicable TIA/EIA standards. ©2001 BK Radio			
			
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For authorized personnel, the GBH can be programmed using the RS232 cable and programming software, cloned or via a programming microphone.